

**To:** Thomas, Timothy[Thomas.Tim@epa.gov]  
**Cc:** Williamson, Tracy[Williamson.Tracy@epa.gov]; Engler, Richard[Engler.Richard@epa.gov]  
**From:** Brinkhuis, Randall  
**Sent:** Fri 1/10/2014 8:19:17 PM  
**Subject:** FW: Chemical in WV spill

Tim,

Here's the info I mentioned to you. The second chemical listed in the MSDS is flagged in ChemIDplus as a commenced PMN, so I thought that might be of special interest.

Thanks for describing how you use STN. Hopefully we'll get that situation squared away ASAP.

Randy

**From:** Brinkhuis, Randall  
**Sent:** Friday, January 10, 2014 3:14 PM  
**To:** Flattery, Priscilla  
**Cc:** Leopard, Matthew; Blunck, Christopher; Kennedy, Amuel  
**Subject:** Chemical in WV spill

Priscilla,

Thought you might get inquiries about this so I'm passing along the following info.

The WTOP story linked to below identifies the chemical as 4-methylcyclohexane methanol.

<http://wtop.com/209/3539204/WVa-gov-declares-emergency-after-chemical-spill>

So I Googled it and found the following:

<https://www.dropbox.com/s/i8rsw5n2cgvxbwt/Freedom%20Industries.docx>

MSDS - [http://mediad.publicbroadcasting.net/p/wvvp/files/201401/MSDS-MCHM\\_I140109214955.pdf](http://mediad.publicbroadcasting.net/p/wvvp/files/201401/MSDS-MCHM_I140109214955.pdf)

2. COMPOSITION INFORMATION ON INGREDIENTS		
(Typical composition is given, and it may vary. A certificate of analysis can be provided, if available.)		
Weight %	Component	CAS Registry No.
68 - 89%	4-methylcyclohexanemethanol	34885-03-5
4 - 22%	4-(methoxymethyl)cyclohexanemethanol	98955-27-2
4 - 10%	water	7732-18-5
5%	methyl 4-methylcyclohexanecarboxylate	51181-40-9
1%	dimethyl 1,4-cyclohexanedicarboxylate	94-60-0
1%	methanol	67-56-1
1 - 2%	1,4-cyclohexanedimethanol	105-08-8

Of the top three chemicals (excluding water), ChemIDplus had very little information beyond the fact that they are on the TSCA Inventory.

Randy

*"Knowing is not enough; we must apply. Willing is not enough; we must do." —Goethe*

**Randall Brinkhuis, M.S. in Library Science**

Environmental Protection Specialist

Office of Chemical Safety and Pollution Prevention (OCSPP)

Office of Pollution Prevention and Toxics (OPPT)

Information Management Division (IMD)

Information Access Branch

Tel: (202) 564-8641

Email: [brinkhuis.randall@epa.gov](mailto:brinkhuis.randall@epa.gov)

